



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Gillis et al.  
Serial No. : 10/690,774  
Filed : October 22, 2003  
Title : METAL-CONTAINING MATERIALS

Art Unit : Unknown  
Examiner : Unknown

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

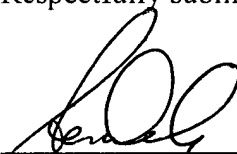
INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449.

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 2/15/04

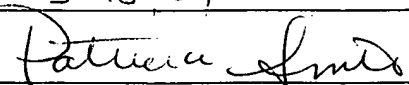
  
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I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Patricia Smith  
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|  |  |                                       |                               |
|--|--|---------------------------------------|-------------------------------|
| Substitute Form PTO-1449<br>(Mocked)   | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>14072-035001 | Application No.<br>10/690,774 |
| <b>Information Disclosure Statement<br/>by Applicant</b><br>(Use several sheets if necessary)<br>(37 CFR §1.98(b)) |  | Applicant<br>Gillis et al.            |                               |
|  |  | Filing Date<br>October 22, 2003       | Group Art Unit                |

| U.S. Patent Documents |           |                 |                  |                      |       |          |                            |
|-----------------------|-----------|-----------------|------------------|----------------------|-------|----------|----------------------------|
| Examiner Initial      | Desig. ID | Document Number | Publication Date | Patentee             | Class | Subclass | Filing Date If Appropriate |
|                       | AA        | 2002/0192298 A1 | 12/19/02         | Burrell et al.       |       |          |                            |
|                       | AB        | 2002/0051824 A1 | 05/02/02         | Burrell et al.       |       |          |                            |
|                       | AC        | 2002/0045049    | 04/18/02         | Madsen               |       |          |                            |
|                       | AD        | 6,365,130       | 04/02/02         | Barry et al.         |       |          |                            |
|                       | AE        | 2002/0025344    | 02/28/02         | Newman et al.        |       |          |                            |
|                       | AF        | 2002/0016585    | 02/07/02         | Sachse               |       |          |                            |
|                       | AG        | 2002/0001628    | 01/03/02         | Ito                  |       |          |                            |
|                       | AH        | 6,333,093       | 12/25/01         | Burrell et al.       |       |          |                            |
|                       | AI        | 6,294,186       | 09/25/01         | Beerse et al.        |       |          |                            |
|                       | AJ        | 6,277,169       | 08/21/01         | Hampden-Smith et al. |       |          |                            |
|                       | AK        | 2001/0010016    | 07/26/01         | Modak et al.         |       |          |                            |
|                       | AL        | 6,258,385       | 07/10/01         | Antelman             |       |          |                            |
|                       | AM        | 6,238,686       | 05/29/01         | Burrell et al.       |       |          |                            |
|                       | AN        | 6,224,898       | 05/01/01         | Balogh et al.        |       |          |                            |
|                       | AO        | 6,201,164       | 03/13/01         | Wulff et al.         |       |          |                            |
|                       | AP        | 6,197,351       | 03/06/01         | Neuwirth             |       |          |                            |
|                       | AQ        | 6,187,290       | 02/13/01         | Gilchrist et al.     |       |          |                            |
|                       | AR        | 6,165,440       | 12/26/00         | Esenaliev            |       |          |                            |
|                       | AS        | 6,126,931       | 10/03/00         | Sawan et al.         |       |          |                            |
|                       | AT        | 6,123,925       | 09/26/00         | Barry et al.         |       |          |                            |
|                       | AU        | 6,096,002       | 08/01/00         | Landau               |       |          |                            |
|                       | AV        | 6,071,543       | 06/06/00         | Thornfeldt           |       |          |                            |
|                       | AW        | 6,071,541       | 06/06/00         | Murad                |       |          |                            |
|                       | AX        | 6,022,547       | 02/08/00         | Herb et al.          |       |          |                            |
|                       | AY        | 6,017,553       | 01/25/00         | Burrell et al.       |       |          |                            |
|                       | AZ        | 6,013,050       | 01/11/00         | Bellhouse et al.     |       |          |                            |
|                       | AAA       | 6,010,478       | 01/04/00         | Bellhouse et al.     |       |          |                            |

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| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |

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| Examiner Initial      | Desig. ID | Document Number | Publication Date | Patentee             | Class | Subclass | Filing Date If Appropriate |
|                       | ABB       | 5,985,308       | 11/16/99         | Burrell et al.       |       |          |                            |
|                       | ACC       | 5,981,822       | 11/09/99         | Addison              |       |          |                            |
|                       | ADD       | 5,958,440       | 09/28/99         | Burrell et al.       |       |          |                            |
|                       | AEE       | 5,945,032       | 08/31/99         | Breitenbach et al.   |       |          |                            |
|                       | AFF       | 5,899,880       | 05/04/99         | Bellhouse et al.     |       |          |                            |
|                       | AGG       | 5,895,419       | 04/20/99         | Tweden et al.        |       |          |                            |
|                       | AHH       | 5,848,995       | 12/15/98         | Walder               |       |          |                            |
|                       | AII       | 5,837,275       | 11/17/98         | Burrell et al.       |       |          |                            |
|                       | AJJ       | 5,792,793       | 08/11/98         | Oda et al.           |       |          |                            |
|                       | AKK       | 5,770,258       | 06/23/98         | Takizawa             |       |          |                            |
|                       | ALL       | 5,770,255       | 06/23/98         | Burrell et al.       |       |          |                            |
|                       | AMM       | 5,753,251       | 05/19/98         | Burrell et al.       |       |          |                            |
|                       | ANN       | 5,744,151       | 04/28/98         | Capelli              |       |          |                            |
|                       | AOO       | 5,681,575       | 10/28/97         | Burrell et al.       |       |          |                            |
|                       | APP       | 5,631,066       | 05/20/97         | O'Brien              |       |          |                            |
|                       | AQQ       | 5,578,073       | 11/26/96         | Haimovich et al.     |       |          |                            |
|                       | ARR       | 5,569,207       | 10/29/96         | Gisselberg et al.    |       |          |                            |
|                       | ASS       | 5,563,132       | 10/08/96         | Bodaness             |       |          |                            |
|                       | ATT       | 5,534,288       | 07/09/96         | Gruskin et al.       |       |          |                            |
|                       | AUU       | 5,520,639       | 05/28/96         | Peterson et al.      |       |          |                            |
|                       | AVV       | 5,457,015       | 10/10/95         | Boston               |       |          |                            |
|                       | AWW       | 5,454,886       | 10/03/95         | Burrell et al.       |       |          |                            |
|                       | AXX       | 5,454,889       | 10/03/95         | McNicol et al.       |       |          |                            |
|                       | AYY       | 5,399,163       | 03/21/95         | Peterson et al.      |       |          |                            |
|                       | AZZ       | 5,383,851       | 01/24/95         | McKinnon, Jr. et al. |       |          |                            |
|                       | AAAA      | 5,372,589       | 12/13/94         | Davis                |       |          |                            |
|                       | ABBB      | 5,369,155       | 11/29/94         | Asmus                |       |          |                            |

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|------------------|-----------|-----------------|------------------|-------------------|-------|----------|----------------------------|
|                  | ACCC      | Des. 349,958    | 08/23/94         | Hollis et al.     |       |          |                            |
|                  | ADDD      | 5,312,335       | 05/17/94         | McKinnon et al.   |       |          |                            |
|                  | AEEE      | 5,270,358       | 12/14/93         | Asmus             |       |          |                            |
|                  | AFFF      | 5,236,421       | 08/17/93         | Becher            |       |          |                            |
|                  | AGGG      | 5,143,717       | 09/01/92         | Davis             |       |          |                            |
|                  | AHHH      | 5,122,418       | 06/16/92         | Nakane et al.     |       |          |                            |
|                  | AIII      | 5,064,413       | 11/12/91         | McKinnon et al.   |       |          |                            |
|                  | AJJJ      | 5,019,096       | 05/28/91         | Fox, Jr. et al.   |       |          |                            |
|                  | AKKK      | 4,960,413       | 10/02/90         | Sagar et al.      |       |          |                            |
|                  | ALLL      | 4,952,411       | 08/28/90         | Fox, Jr. et al.   |       |          |                            |
|                  | AMMM      | 4,908,355       | 03/13/90         | Gettings, et al.  |       |          |                            |
|                  | ANNN      | 4,847,049       | 07/11/89         | Yamamoto          |       |          |                            |
|                  | AOOO      | 4,828,832       | 05/09/89         | De Cuellar et al. |       |          |                            |
|                  | APPP      | 4,803,066       | 02/07/89         | Edwards           |       |          |                            |
|                  | AQQQ      | 4,790,824       | 12/13/88         | Morrow et al.     |       |          |                            |
|                  | ARRR      | 4,749,572       | 06/07/88         | Ahari             |       |          |                            |
|                  | ASSS      | 4,633,863       | 01/06/87         | Filips et al.     |       |          |                            |
|                  | ATTT      | 4,596,556       | 06/24/86         | Morrow et al.     |       |          |                            |
|                  | AUUU      | 4,581,028       | 04/08/86         | Fox, Jr. et al.   |       |          |                            |
|                  | AVVV      | 4,476,590       | 10/16/84         | Scales et al.     |       |          |                            |
|                  | AWWW      | 4,355,636       | 10/26/82         | Oetjen et al.     |       |          |                            |
|                  | AXXX      | 4,324,237       | 04/13/82         | Buttaravoli       |       |          |                            |
|                  | AYYY      | 4,059,105       | 11/22/77         | Citruzzula et al. |       |          |                            |
|                  | AZZZ      | 3,918,446       | 11/11/75         | Buttaravoli       |       |          |                            |
|                  | AAAAA     | 3,800,792       | 04/02/74         | McKnight et al.   |       |          |                            |
|                  | ABBBB     | 3,757,786       | 09/11/73         | Smith             |       |          |                            |

### Foreign Patent Documents or Published Foreign Patent Applications

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|---------------------|--------------|--------------------|---------------------|-----------------------------|-------|----------|-------------|----|
|                     |              |                    |                     |                             |       |          | Yes         | No |
|                     | ACCCC        | 02/085299 A2       | 10/31/02            | WIPO                        |       |          |             |    |
|                     | ADDDD        | 02/085384 A2       | 10/31/02            | WIPO                        |       |          |             |    |
|                     | AEEEE        | 02/085385 A2       | 10/31/02            | WIPO                        |       |          |             |    |
|                     | AFFFF        | 02/085386 A2       | 10/31/02            | WIPO                        |       |          |             |    |
|                     | AGGGG        | 02/085387 A2       | 10/31/02            | WIPO                        |       |          |             |    |
|                     | AHHHH        | 02/44625           | 06/06/02            | WIPO                        |       |          |             |    |
|                     | AIIII        | 02/18003           | 03/07/02            | WIPO                        |       |          |             |    |
|                     | AJJJJ        | 02/18699           | 03/07/02            | WIPO                        |       |          |             |    |
|                     | AKKKK        | 02/15698           | 02/28/02            | WIPO                        |       |          |             |    |
|                     | ALLLL        | WO 02/09729<br>A2  | 02/07/02            | WIPO                        |       |          |             |    |
|                     | AMMMM        | CN1328819          | 01/02/02            | CN (full document)          |       |          |             | X  |
|                     | ANNNN        | CN1328819          | 01/02/02            | CN (abstract only)          |       |          | X           |    |
|                     | AOOOO        | CN1328827          | 01/02/02            | CN (full document)          |       |          |             | X  |
|                     | APPPP        | CN1328827          | 01/02/02            | CN (abstract only)          |       |          | X           |    |
|                     | AQQQQ        | 1 159 972          | 12/05/01            | EP                          |       |          |             |    |
|                     | ARRRR        | CN1322474          | 11/21/01            | CN (full document)          |       |          |             | X  |
|                     | ASSSS        | CN1322474          | 11/21/01            | CN (abstract only)          |       |          | X           |    |
|                     | ATTTT        | CN1322874          | 11/21/01            | CN (full document)          |       |          |             | X  |
|                     | AUUUU        | CN1322874          | 11/21/01            | CN (abstract only)          |       |          | X           |    |
|                     | AVVVV        | 01/80920           | 11/01/01            | WIPO                        |       |          |             |    |
|                     | AWWWW        | 01/74300           | 10/11/01            | WIPO                        |       |          |             |    |
|                     | AXXXX        | 01/70052           | 09/27/01            | WIPO                        |       |          |             |    |
|                     | AYYYY        | 01/68179 A1        | 09/20/01            | WIPO                        |       |          |             |    |
|                     | AZZZZ        | CN1306117          | 08/01/01            | CN (full document)          |       |          |             | X  |
|                     | AAAAA        | CN1306117          | 08/01/01            | CN (abstract only)          |       |          | X           |    |
|                     | ABBBB        | WO 01/49301        | 07/12/01            | WIPO                        |       |          |             |    |
|                     | ACCCC        | WO 01/49303<br>A   | 07/12/01            | WIPO                        |       |          |             |    |
|                     | ADDDD        | 01/49115           | 07/12/01            | WIPO                        |       |          |             |    |

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|---|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
| Examiner Initial  | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |    |
|   |           |                 |                  |                          |       |          | Yes         | No |
|   | AEEEEEE   | 01/49302        | 07/12/01         | WIPO                     |       |          |             |    |
|   | AFFFFFF   | 01/43788        | 06/21/01         | WIPO                     |       |          |             |    |
|   | AGGGGGG   | 01/41819        | 06/14/01         | WIPO                     |       |          |             |    |
|   | AHHHHHH   | 01/41774        | 06/14/01         | WIPO                     |       |          |             |    |
|   | AIIIIII   | 01/34686        | 05/17/01         | WIPO                     |       |          |             |    |
|   | AJJJJJJ   | WO 01/26627     | 04/19/01         | WIPO                     |       |          |             |    |
|   | AKKKKKK   | 01/27365        | 04/19/01         | WIPO                     |       |          |             |    |
|   | ALLLLLL   | CN1291666       | 04/18/01         | CN (full document)       |       |          |             | X  |
|   | AMMMMMM   | CN1291666       | 04/18/01         | CN (abstract only)       |       |          | X           |    |
|   | ANNNNNN   | CN1291667       | 04/18/01         | CN (full document)       |       |          |             | X  |
|   | AOOOOOO   | CN1291667       | 04/18/01         | CN (abstract only)       |       |          | X           |    |
|   | APPPPPP   | 01/24839        | 04/12/01         | WIPO                     |       |          |             |    |
|   | AQQQQQQ   | 01/15710        | 03/08/01         | WIPO                     |       |          |             |    |
|   | ARRRRRR   | CN1279222       | 01/10/01         | CN (full document)       |       |          |             | X  |
|   | ASSSSSS   | CN1279222       | 01/10/01         | CN (abstract only)       |       |          | X           |    |
|   | ATTTTTT   | WO 00/78281     | 12/28/00         | WIPO                     |       |          |             |    |
|   | AUUUUUU   | 00/78282        | 12/28/00         | WIPO                     |       |          |             |    |
|   | AVVVVVV   | 2000327578      | 11/28/00         | JP (full document)       |       |          |             | X  |
|   | AWWWWWW   | 2000327578      | 11/28/00         | JP (abstract only)       |       |          | X           |    |
|   | AXXXXXX   | 00/64505        | 11/02/00         | WIPO                     |       |          |             |    |
|   | AYYYYYY   | 00/64506        | 11/02/00         | WIPO                     |       |          |             |    |
|   | AZZZZZZ   | CN1262093       | 08/09/00         | CN (full document)       |       |          |             | X  |
|   | AAAAAAA   | CN1262093       | 08/09/00         | CN (abstract only)       |       |          | X           |    |
|   | ABBBBBB   | 00/44414        | 08/03/00         | WIPO                     |       |          |             |    |
|   | ACCCCCC   | 00/30697        | 06/02/00         | WIPO                     |       |          |             |    |
|   | ADDDDDD   | WO 00/27390     | 05/18/00         | WIPO                     |       |          |             |    |
|   | AEEEEEE   | CN1241662       | 01/19/00         | CN (full document)       |       |          |             | X  |

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|   |           |                  |                  |                          |       |          | Yes         | No |
|   | AFFFFFF   | CN1241662        | 01/19/00         | CN (abstract only)       |       |          | X           |    |
|   | AGGGGGG   | HU 980078A       | 09/28/99         | Hungary (abstract only)  |       |          | X           |    |
|   | AHHHHHH   | 0 328 421 A2     | 08/16/99         | EP                       |       |          |             |    |
|   | AIIIIII   | 11124335         | 05/11/99         | JP (full document)       |       |          |             | X  |
|   | AJJJJJJ   | 11124335         | 05/11/99         | JP (abstract only)       |       |          | X           |    |
|   | AKKKKKK   | 11116488         | 04/27/99         | JP (full document)       |       |          |             | X  |
|   | ALLLLLL   | 11116488         | 04/27/99         | JP (abstract only)       |       |          | X           |    |
|   | MMMMMM    | 11060493         | 03/02/99         | JP (full document)       |       |          |             | X  |
|   | NNNNNN    | 11060493         | 03/02/99         | JP (abstract only)       |       |          | X           |    |
|   | AOOOOOO   | 2,242,033        | 01/03/99         | CA                       |       |          |             |    |
|   | APPPPPP   | 98/51273         | 11/19/98         | WIPO                     |       |          |             |    |
|   | AQQQQQQ   | 98/41095         | 09/24/98         | WIPO                     |       |          |             |    |
|   | ARRRRRR   | 0780138          | 06/25/97         | EP                       |       |          |             |    |
|   | ASSSSSS   | DE 195 41 735 A1 | 05/15/97         | Germany (full document)  |       |          | X           |    |
|   | ATTTTTT   | DE 195 41 735 A1 | 05/15/97         | Germany (full document)  |       |          |             | X  |
|   | AUUUUUU   | WO 96/17595      | 06/13/96         | WIPO                     |       |          |             |    |
|   | AVVVVVV   | 0681841          | 11/15/95         | EP                       |       |          |             |    |
|   | WWWWW     | 95/13704         | 05/26/95         | WIPO                     |       |          |             |    |
|   | AXXXXXX   | WO 95/13704 A    | 05/26/95         | WIPO                     |       |          |             |    |
|   | AYYYYYY   | 0 599 188        | 06/01/94         | EP                       |       |          |             |    |
|   | AZZZZZZ   | CN1082645        | 02/23/94         | CN (full document)       |       |          |             | X  |
|   | AAAAAAA   | CN1082645        | 02/23/94         | CN (abstract only)       |       |          | X           |    |
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|   | DDDDDDD   | JP 04244029A     | 09/01/92         | Japan (full document)    |       |          |             | X  |
|   | EEEEEEE   | 92/13491         | 08/20/92         | WIPO                     |       |          |             |    |

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| Examiner Signature   | Date Considered |
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|--|--|---------------------------------------|-------------------------------|
| Substitute Form PTO-1449<br>(Modified)   | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>14072-035001 | Application No.<br>10/690,774 |
| <b>Information Disclosure Statement<br/>by Applicant</b><br>(Use several sheets if necessary)<br>(37 CFR §1.98(b)) |  | Applicant<br>Gillis et al.            |                               |
|  |  | Filing Date<br>October 22, 2003       | Group Art Unit                |

| Foreign Patent Documents or Published Foreign Patent Applications |           |                 |                  |                          |       |          |             |    |
|---|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
| Examiner Initial  | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |    |
|   |           |                 |                  |                          |       |          | Yes         | No |
|   | AAAAAAA   | 022309          | 12/06/90         | IT (full document)       |       |          |             | X  |
|   | GGGGGGG   | 022309          | 12/06/90         | IT (full translation)    |       |          | X           |    |
|   | HHHHHHH   | 0 378 147       | 07/18/90         | EP                       |       |          |             |    |
|   | IIIIIII   | 0 355 009       | 02/21/90         | EP                       |       |          |             |    |
|   | JJJJJJJ   | WO 89/09054     | 10/05/89         | WIPO                     |       |          |             |    |
|   | KKKKKKK   | 3807944         | 09/21/89         | DE (full document)       |       |          |             | X  |
|   | LLLLLLL   | 3807944         | 09/21/89         | DE (abstract only)       |       |          | X           |    |
|   | NNNNNNN   | 0 356 060       | 08/07/89         | EP                       |       |          |             |    |
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|   | QQQQQQQ   | 60-21912        | 02/04/85         | JP (full document)       |       |          |             | X  |
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|   | SSSSSSS   | Sho 58-126910   | 02/04/85         | JP (full document)       |       |          |             | X  |
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